



Alameda County Sheriff's Office

Gregory J. Ahern, Sheriff / Coroner
Coroner's Bureau, 2901 Peralta Oaks Ct, Oakland, CA 94605
(510) 382-3000 / (510) 382-3033 (fax)

Coroner Investigator's Report

CALL INFO	NAME OF DECEASED (LAST, FIRST MIDDLE) ARMSTRONG, Dujuan Omarea			TENTATIVE ID <input type="checkbox"/>	UNIDENTIFIED <input type="checkbox"/>		CASE NUMBER 2018-02007		
	REPORTED BY Larry Cooper		REPORTED BY PHONE NO. (925) 416-3600	REPORTING AGENCY Stanford Health Care - ValleyCare			REFERENCE NUMBER 18-010962		
DECEASED	INVESTIGATOR Shawn Sobrero		CALL DATE AND TIME 6/23/2018 19:42	CASE TYPE Removal Case					
	DATE AND TIME OF DEATH 6/23/2018 19:24		DATE OF BIRTH 8/9/1994	AGE 23 Years	GENDER Male	RACE Black	MARITAL STATUS Never Married	VET? <input type="checkbox"/>	
DEATH	HGT 69	WGT 266	EYE COLOR Brown	HAIR COLOR Black	OCCUPATION Tow truck driver	EMPLOYER			
	Preliminary Summary Accidental death of a 23 year old black male reported by VCMC. On 6/22/18, Armstrong reported to SRJ to serve a weekend sentence and admitted recent drug use and tested + for marijuana, cocaine and meth. On 6/23/18, about 1645 hrs., Armstrong was observed acting bizarre and had a "thousand mile stare". Armstrong was taken for evaluation and became combative and was placed in the WRAP. About 1818 hrs., 911 was called when Armstrong became unresponsive and lost pulses. P+ performed ACLS and transported Armstrong. Armstrong was admitted to the ER and ACLS continued. About 1924 hrs., Armstrong's death was pronounced after I SM failed. No health problems.								
NOTIFICATION	LOCATION OF DEATH Valley Care Medical Center							LOD TYPE Hospital - ER/OP	
	ADDRESS (STREET, CITY, STATE, ZIP) 5555 W. Las Positas Boulevard Pleasanton CA 94588							COUNTY Alameda	
INCIDENT	Manner Accident	Death Certificate Signed By: Karen E Easling							
	Cause A MECHANICAL ASPHYXIA	Interval Minutes							
DISP	Cause B	Interval							
Cause C	Interval								
Cause D	Interval								
Other Significant Conditions		CARDIAC HYPERTROPHY; OBESITY							
NOTIFICATION	LEGAL NEXT OF KIN Brody Armstrong			RELATIONSHIP Son		TELEPHONE NO.			
	NOTIFIED BY			METHOD		DATE AND TIME			
	IDENTIFICATION METHOD Finger Prints			DATE AND TIME 6/26/2018 12:40					
INCIDENT	LOCATION OF INCIDENT County jail							AT WORK <input type="checkbox"/>	
	ADDRESS (STREET, CITY, STATE, ZIP) 5325 Broder Blvd. Dublin CA 94568							COUNTY Alameda	DATE AND TIME OF INCIDENT
	INVESTIGATING AGENCY Alameda County Sheriff's Office-ETS			INV AGENCY PHONE NUMBER			OFFICER Rivera-Velasquez, Eduardo		
DISP	FUNERAL HOME Whitted- Atkins Funeral Home				BODY RELEASED TO FUNERAL HOME ON 6/27/2018 15:25				
	Full Autopsy <input checked="" type="checkbox"/> Partial Autopsy <input type="checkbox"/> Inspection <input type="checkbox"/> Record Review <input type="checkbox"/> Inspection w/Specimen <input type="checkbox"/>				EXAM BY Michael Ferenc				

Alameda County Sheriff's Office

Coroner's Bureau
2901 Peralta Oaks Court, 2nd Floor, Oakland, CA 94605-5319



Gregory J. Ahern, Sheriff

Director of Emergency Services
Coroner - Marshal

M E M O R A N D U M

DATE: June 25, 2018

FROM: Michael Joseph Ferenc, M.D.

TO: Case File 2018-02007

SUBJECT: AUTOPSY PROTOCOL

An autopsy was performed on the body of Dujuan Omarea Armstrong at the Coroner's Bureau, 2901 Peralta Oaks Court, Oakland, California, on June 25, 2018, at about 10:00 a.m.

FINDINGS

- 1) PULMONARY CONGESTION.
- 2) CARDIAC HYPERTROPHY AND DILATATION.
- 3) MINOR EXTERNAL INJURIES ON RIGHT WRIST AND HAND.
- 4) SCLERAL AND CONJUNCTIVAL PETECHIAE.
- 5) NO INTERNAL INJURIES.
- 6) OBESITY (BMI 39.3).
- 7) HISTOLOGY IS NON-CONTRIBUTORY.
- 8) TOXICOLOGY
 - A. CENTRAL VALLEY TOXICOLOGY (CVT-18-8587)
 1. PERIPHERAL BLOOD
 - A. BENZOYLECGONINE 0.04 MG/L
 - B. ECGONINE METHYL ESTER DETECTED
 2. VITREOUS HUMOR ELECTROLYTES NON-CONTRIBUTORY
 - B. CENTRAL BLOOD
 1. NMS LABS (NMS WORKORDER 18207024)
 - A. NALOXONE DETECTED
 - B. DELTA-9-CARBOXYL THC 12 NG/ML
 2. ALERE FORENSICS (ALERE 2018-000574-0001)
 - A. COCAINE METABOLITE DETECTED
 - B. MARIJUANA METABOLITE DETECTED.

Sheriff-Coroner
Alameda County

Body of DUJUAN OMAREA ARMSTRONG

CAUSE OF DEATH: MECHANICAL ASPHYXIA.

Other conditions: CARDIAC HYPERTROPHY;
OBESITY.

Note: Following the autopsy, I reviewed several of the Sheriff deputies' body cameras from the jail. Those audiovisual recordings confirmed that Mr. Armstrong appeared to be in an agitated and confused state. The deputies applied "The Wrap" restraint device. The positioning of the restrain device was notable for the following: 1) His hands were pulled behind his back by a single set of handcuffs. 2) The cinching straps of "The Wrap" were tightened such that his torso was bent into a "sitting" position at greater than 90°, compressing his obese abdomen. 3) The cinching straps also were pulling his thick neck downward onto his chest. 4) Finally, an opaque spit mask covered his face, including his nose and mouth. In my opinion, each these factors increased this gentleman's risk for asphyxia. Furthermore, the opaque spit mask made difficult any assessment of Mr. Armstrong's medical status during transit down the jail hallway to the outpatient housing unit. Except for the force used as an attempt by deputies to gain compliance of Mr. Armstrong and the force used to apply the restraint device, I saw no evidence of other significant force used against him in the recordings. I did not identify unexplained blunt injuries on the body. Postmortem toxicology studies do not provide a clear explanation of his agitated and confused state.

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Body of DUJUAN OMAREA ARMSTRONG

1 CIRCUMSTANCES OF DEATH

2 This 23-year-old gentleman was serving a weekend sentence
3 at Santa Rita Jail. Sometime after admission, he showed bizarre
4 behavior and became assaultive. This appears to have
5 corresponded to his reporting that he had used drugs. A urine
6 drug screen by medical staff was positive for marijuana, cocaine
7 and methamphetamine. Soon thereafter their attempts at
8 restraining him, he became unresponsive. Resuscitation restored
9 a pulse; however, he expired in a local emergency department.

10 PRELIMINARY EXAMINATION

11 The unembalmed body of a young man is in a plastic pouch,
12 is dressed only in blue underpants, and has a properly labeled
13 identification tag. Paper bags are on the hands. Fingernail
14 clippings are taken.

15 RECENT INJURIES

16 Minor external injuries are described below.

17 EXTERNAL EXAMINATION

18 The body of a well-developed, moderately to markedly obese,
19 young, black man is reported to be 23 years, 69 inches, and 266
20 pounds. Rigor mortis is moderate. Lividity is posterior and
21 fixed.

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Body of DUJUAN OMAREA ARMSTRONG

22 The head is symmetrical without significant trauma. A faint
23 4 inch scar and a faint 2 inch scar are on the forehead. The
24 hair is black, curly, and about 1 inch. A full beard is present.
25 The eyelids, sclerae, and conjunctivae are slightly congested.
26 Occasional petechiae are on the conjunctivae and sclerae. The
27 eyes are brown and cloudy. The nose and mouth show no lesions.
28 The teeth are in fair to good condition. An endotracheal tube is
29 present. The ears are intact.

30 The neck is symmetrical without significant trauma or
31 scars. The chest is symmetrical without significant trauma or
32 scars. There is a 2×2 inch, red-tan, irregular-shaped area on
33 the sternal area consistent with cardiopulmonary resuscitation.
34 The breasts are of a man. The abdomen is protuberant but not
35 distended and shows no significant trauma or scars. ECG pads are
36 on the torso. The external genitalia are those of a male with a
37 short foreskin.

38 The forearms and upper arms are symmetrical without
39 significant scars. There is a tattoo of a 5-pointed star and an
40 undecipherable word on the right forearm. The hands, fingers,
41 and fingernails are intact. On the ulnar surface of the right
42 wrist is a transverse 1-1/2×1/8 inch red-brown abrasion. On the
43 lateral surface of the right hands 5th digit (little finger) is

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Body of DUJUAN OMAREA ARMSTRONG

44 a 1/4 inch red-brown abrasion. The legs and feet show no
45 significant trauma or scars. An intraosseous catheter is on the
46 right shin. ECG pads are on the limbs.

47 The back shows no significant trauma or scars. The anus is
48 unremarkable.

49 INTERNAL EXAMINATION

50 BODY WALLS AND CAVITIES: The sub-umbilical fat pad is over
51 3 inches. The subcutaneous and breast tissues show no lesions.
52 The mediastinum shows no hemorrhage. The pericardial sac is
53 intact. The diaphragm is intact. The peritoneal cavity shows no
54 adhesions and minimal liquid. The retroperitoneal fatty tissues
55 are moderately to markedly increase. The major organs are
56 normally positioned.

57 CARDIOVASCULAR SYSTEM: The epicardium is smooth and
58 glistening. The coronary arteries follow a balanced distribution
59 and show no atherosclerosis. The heart is 450 g. The myocardium
60 is red-brown, normal texture, and uniform. The right ventricular
61 free wall shows no increased fatty infiltration or increased
62 fibrous tissue. The left right ventricles are 1.4 to 1.8 cm and
63 0.2 cm, respectively. The chambers are all moderately dilated.
64 The endocardium, chordae, pepper most is intact. The coronary
65 sinus ostium is widely patent. The foramen ovale is closed. The

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Body of DUJUAN OMAREA ARMSTRONG

66 atrioventricular and semilunar valves are normally formed, show
67 no lesions, and appropriate for age. The aorta shows no
68 atherosclerosis. The vena cava and great vessels show no thrombi
69 or in blood.

70 PULMONARY SYSTEM: The right and left lungs are 680 and 570
71 g, respectively. The lungs are dark red, very congested, poorly
72 aerated, soft, and uniform with smooth glistening surfaces. The
73 red-tan bronchi show no lesions. The vessels show no thrombi or
74 in blood.

75 HEPATOBILIARY SYSTEM: The liver is 1940 g, red-brown,
76 normal texture, and uniform with a smooth glistening capsule.
77 The biliary tract is intact. The gallbladder contains 30 mL of
78 dark green opaque thin bile. The pancreas is tan, lobulated,
79 normal texture, and without focal lesions.

80 GENITOURINARY SYSTEM: The adrenal glands show no lesions.
81 The renal capsule strips with slight difficulty. The right
82 kidney is 150 g, and left kidney is 180 g. The cortices are red-
83 brown, congested, smooth, normal thickness, and uniform. The
84 calyces and collecting systems are not dilated. The renal
85 parents and papillae are intact. The ureters are patent to the
86 empty bladder. The bladder wall and mucosa are unremarkable for
87 age. The prostate gland and testes are unremarkable for age.

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88 HEMATOPOIETIC SYSTEM: The spleen is 110 g, dark red, normal
89 texture, and uniform. The thymus gland is unremarkable for age.
90 The lymph nodes are not enlarged. The marrow of the ribs and
91 calvarium is unremarkable for age.

92 GASTROINTESTINAL SYSTEM: The oropharynx, esophagus, and
93 empty stomach show no lesions. The stomach is coated by about 20
94 mL of dark red-brown mucus. The small bowel and the large bowel
95 show no lesions of the mucosa, wall, or serosal. This includes
96 no lesions or foreign material up to and including the anal
97 verge.

98 MUSCULOSKELETAL SYSTEM: The muscles show no focal or
99 diffuse lesions. The skeleton is well developed and appropriate
100 for age. Incision along the back does not reveal any significant
101 foci of hemorrhage in the muscle or fat.

102 HEAD AND CRANIAL CONTENTS: The scalp shows no hemorrhage.
103 The skull shows no fractures. The dura mater and leptomeninges
104 show no lesions. The dural sinuses and floor the skull is
105 intact. The circle of Willis shows no aneurysms. The brain is
106 1450 g. Externally, the cerebral hemispheres, cerebellum, and
107 brain stem show no focal or diffuse lesions. Internally, the
108 grey and white matter, deep nuclei, and ventricles show no focal
109 or diffuse lesions. The pituitary gland is intact.

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Body of DUJUAN OMAREA ARMSTRONG

110 ANTERIOR NECK STRUCTURES: The anterior neck muscles show no
111 hemorrhage. The thyroid gland is slightly enlarged, slightly
112 firmer than normal, red-brown, and symmetrical. The parathyroid
113 glands are not identified. The hyoid bone, thyroid cartilage,
114 and cricoid cartilage are intact. The red-tan epiglottic and
115 laryngeal mucosa shows no lesions. The tongue shows no lesions.
116 The pharynx is not obstructed. The prevertebral fascia is
117 intact. The cervical vertebrae are intact.

118

119 SPECIMENS RETAINED: femoral blood, heart blood, vitreous
120 humor, bile, and liver. A full toxicology screen is requested.

121 Representative tissue sections are retained in formalin.
122 Representative sections are submitted for processing.

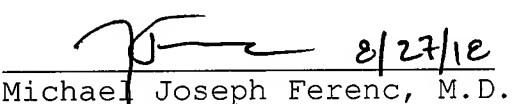
123 OTHER STUDIES: None.

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127


Michael Joseph Ferenc, M.D.

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123 OTHER STUDIES: None.

124

125

126

127

 8/27/12
Michael Joseph Ferenc, M.D.



CENTRAL VALLEY
TOXICOLOGY, INC.

CVT-18-8587

Case Name:

Armstrong,

Dujuan O.

33 ml femoral blood & 2 ml vitreous humor each labeled "Armstrong, Dujuan;
2018-02007; 06/25/2018; 0900 hrs; MJF; MA"

TOXICOLOGY NUMBER:

Specimen Description:

Delivered by Tricor

Date 26-Jun-18

Received by

Bill Posey

Date 26-Jun-18

Request: Complete Drug Screen

Agency Case # 2018-02007

Requesting Agency

Alameda Co. Coroner's Office
Attn: Acct's Payable
2901 Peralta Oaks Ct., 2nd Floor
Oakland CA 94605

Report To

Alameda Co. Coroner's Office
Attn: Dr. Ferenc
2901 Peralta Oaks Ct., 2nd Floor
Oakland CA 94605

RESULTS

Specimen: Femoral Blood and Vitreous Humor Samples

Complete Drug Screen: Cocaine metabolite detected.

No common acidic, neutral or basic drugs detected.

No Ethyl Alcohol detected.

Cocaine = Negative
Benzoyllecgonine = 0.04 mg/L
Ecgonine Methyl Ester = Present

Vitreous Panel: Glucose < 20 mg/dL
Sodium = 140 mmol/L
Potassium > 9.0 mmol/L
Chloride = 118 mmol/L

Blood Benzoyllecgonine Ranges

Effective Level: Non Active
Potentially Toxic: (1 - 10 mg/L)

Entreept KAP #263
07/09/2018

B.L. POSEY

S.N. KIMBLE

Directors

1580 Tollhouse Road

Clovis, California 93611

Phone (559) 323-9940

Fax (559) 323-7502

B. L. Posey

July 02, 2018



Alere is now Abbott

ALERE FORENSICS AT REDWOOD TOXICOLOGY LABORATORY

3650 Westwind Blvd. Santa Rosa, CA 95403
Phone 707-570-4455 FAX 707-703-1319

Agency # 2018-02007

FORENSIC LABORATORY REPORT

AF # 2018-000574

To: Michael Ferenc
Alameda County Sheriff's Office - Coroner's Bureau

Sample Collection Date: June 25, 2018

Decedent: Dujuan Armstrong

The following evidence was submitted to the Laboratory by a representative of the Alameda County Sheriff's Office - Coroner's Bureau on 7/5/2018 via Courier:

Submission 01: One tape sealed and initialed evidence bag containing one screw cap container marked in part "Armstrong, Dujuan".

Item # 01-A: One plastic screw cap container with approximately 10 mL of heart blood collected at 0900 hours.

2018-000574-0001

Service Request:

FP222B - Expanded Pnl (Confirm) - Blood

Drug Screen Results - ELISA

Drug Screen Classification	Result	Limit of Detection
Amphetamine	Not Detected	20.0 ng/mL
Barbiturates	Not Detected	1.0 mcg/mL
Benzodiazepines	Not Detected	25.0 ng/mL
Buprenorphine	Not Detected	1.0 ng/mL
Carisoprodol	Not Detected	500.0 ng/mL
Cocaine Metabolite	Positive	50.0 ng/mL
Fentanyl	Not Detected	1.0 ng/mL
Marijuana Metabolite	Positive	10.0 ng/mL
Methadone	Not Detected	25.0 ng/mL
Methamphetamine	Not Detected	20.0 ng/mL
Opiates	Not Detected	10.0 ng/mL
Oxycodone	Not Detected	5.0 ng/mL
PCP	Not Detected	5.0 ng/mL
Tramadol	Not Detected	50.0 ng/mL
Zolpidem	Not Detected	5.0 ng/mL

Confirmation/Screen Results

Analyte Name	Concentration	Method	Sample Type
Benzoylecgonine	< 50 ng/mL	LC-MS-MS	Blood
Cocaine	< 10 ng/mL	LC-MS-MS	Blood
Cocaethylene	Not Detected	LC-MS-MS	Blood
Tetrahydrocannabinol (THC)	< 2 ng/mL	LC-MS-MS	Blood
11-nor-THC-9-carboxylic acid (THC-COOH)	13 ng/mL	LC-MS-MS	Blood
11-hydroxy-THC (11-OH-THC)	Not Detected	LC-MS-MS	Blood
Volatiles (EtOH, IPA, MeOH, Acetone)	Not Detected	GC-Headspace	Blood
Acidic/Neutral Drug Screen	None Detected	GC-MS	Blood
Acidic/Neutral Drug Screen	None Detected	LC-MS-MS	Blood
Basic Drug Screen	None Detected	GC-MS	Blood
Basic Drug Screen	None Detected	LC-MS-MS	Blood

2018-000574-0001



Respectfully,

A handwritten signature in black ink that reads "Laureen J. Marinetti".

Laureen J. Marinetti, Ph.D. F-ABFT
Laboratory Director

Date of Report: August 1, 2018

Alere Forensics at Redwood Toxicology is accredited by The American Board of Forensic Toxicology (ABFT) and is recognized by the State of California as a Title 17 Forensic Alcohol Laboratory.

All samples, including the sample packaging, will be retained at the laboratory for one year after the date of report. After one year, the samples and packaging will be destroyed unless the client requests that the samples be returned or an alternate retention policy has been set up with the laboratory. The laboratory cannot ship controlled substances.

Comments

EtOH - ethanol, IPA - isopropanol, MeOH - methanol

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Gregory J. Ahern, Sheriff

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CASE NUMBER: 2018-02007	CASE NAME: DUJUAN OMAREA ARMSTRONG
PATHOLOGIST: Michael Joseph Ferenc	HISTOLOGICAL EXAMINATION

BRAIN: Sections of hippocampus, cerebellum, and brain stem shows no neoplasia, inflammatory infiltrates, degenerative diseases, or trauma.

HEART: Sections (14) of left and right ventricle, as well as AV node region with adjacent right atrium show intact myocytes and no significant inflammatory infiltrates. Endocardial and epicardial surfaces and vessels are unremarkable.

LUNGS: Sections show intact congested parenchyma and no acute significant inflammatory infiltrates. Patchy acute intra-alveolar hemorrhage is seen. Bronchial elements are unremarkable. Occasional clear vacuoles surrounded by blood are seen in vessels consistent with probable fat globules (consistent with cardiopulmonary resuscitation efforts). No significant polarizable foreign material is seen. Section of trachea is unremarkable.

LIVER: Section shows intact hepatocytes with patchy slight macrovesicular vacuolization. Midlobular to centrilobular congestion sinusoids is seen. Portal areas are intact.

KIDNEY: Section shows intact glomeruli, autolyzed tubules, unremarkable interstitium, and unremarkable vessels. No significant polarizable foreign material is seen.

ADRENAL GLAND: Section shows hyperplastic and focally autolyzed cortex and unremarkable medulla.

THYROID GLAND: Section shows variable-sized, pink colloid-filled follicles lined by flattened to cuboidal epithelium.

8/27/18

Date

A handwritten signature of "G.J. AHERN".

M.D.

Signature